CLAIMS

1. A device making it possible to unhook the front traction lines or wires of a traction sail of the kite or paragliding type attached to a user on the ground or on a mobile support such as a board, a sand sail device, a snowboard, or a skateboard, the said user holding a bar at the ends of which there are connected the rear traction lines or wires of the sail in order to control its orientation and its power by traction on the said bar more or less close to the body of the user, of the type consisting of a holding means interposed on the front lines, releasable, characterised in that the said releasable holding means (A) (A') is disposed on the front lines (1) beyond the traction bar (6) and comprises articulation means forming a clamp (A) or snap hook (A'), held in the closed position by an elastic means (8) (8') (8''), and in that they are connected to at least one pivoting arm (13) provided at its free end opposite the bar (6) with a lug (5) (5') (5'') (5''') conformed so as to bear against the said bar (6) when the latter is released, accidentally or not, by the user in order to cause an angular pivoting of the said at least one arm (13) then automatically ensuring the release of the part of the front lines (1) disposed beyond the holding device and subsequently the total release of the user and his safety because the kite is no longer held in shape and can then fall freely.

2. A device according to claim 1, characterised in that the jaw clamp (A) or snap-hook clamp (A') can be kept closed by a spring (8), which may be helical, made from stainless steel or rubber elastic, with a twisted leaf (made from metal or plastics), or of the piston, push button, ram or damper type or a damper similar to those on a car.

3. A device according to claim 1, characterised in that the elastic means of closing the jaw clamp (A) or snap-hook clamp (A') can consist of a rubber elastic.

4. A device according to claim 1, characterised in that an arm (13A) of the jaw clamp (A) or snap-hook clamp (A') can be extended in its bottom part by a circular ring (5), (5'), (5''), (5'''), closed or not, surrounding the front length (1A) and guided by the latter, oriented horizontally and perpendicular to the front length (1A) or slightly at an angle with respect to the horizontal; the circular shape of the ring (5), (5'), (5''), (5''') enables the bar (6) to always touch the ring and therefore to cause the opening of the jaw clamp (A) or snap-hook clamp (A') whatever the orientation of the bar (6) at the moment it comes into contact with the ring (5), (5'), (5''), (5''').

5. A device according to claim 1, characterised in that the spring (8) can prevent the opening of the jaw clamp (A) or snap-hook clamp (A') by stretching or contraction, according to the point where it is placed (eg: either between the two arms (13) (13A) or between an arm (13) (13A) and a jaw (2), or between the two jaws (2), or between the snap hook (11) and the jaw (2)).

6. A device according to claim 1, characterised in that the lugs (5) can have solid or hollowed-out frustoconical shapes.

7. A device according to claim 1, characterised in that the opening of the jaw clamp (A) or snap-hook clamp (A') can, in addition or alternatively, be caused by a wire connected to the bottom end of an arm (13) (13A) and to the user or to the front length (1A), connected before the device.

8. A device according to claim 1, characterised in that the ring (5) (5') can pivot at the point where it is connected to the arm (13) (13A).

9. A device according to claim 1, characterised in that the axis of the shackle (9) can pivot about a horizontal rotary spindle fixed underneath the jaw clamp (A) or snap-hook clamp (A').

10. A device according to claim 1, characterised in that the system of fixing the hook (11A) of the snap hook (11) can come into abutment against a protrusion on the opposite jaw (2) or on the bottom jaw (12A) of the snap hook (11), or a combination of the two.

11. A device according to claim 1, characterised in that the arm (13) (13A) can be articulated by means of a rotary spindle.

12. A device according to claim 1, characterised in that the ring (5) (5') can be in the form of a tube, in that this tube can be disconnected from the arm (13) (13A) since it is guided by the front length (1A), and in that this tube can come into abutment against the arm (13) (13A) in order to actuate the opening of the jaw clamp (A) or snap-hook clamp (A').

13. A device according to claim 1, characterised in that the jaw (2) of the snap hook can comprise a ring serving to attach a leash (cord) which will be attached at its other end to the front lines (1).

14. A device according to claims 1 and 2, characterised in that the spring (8), functioning as a piston, releases the front lines (1) by separation of lugs or brackets, which are then substituted for the jaw clamp (A) or snap-hook clamp (A').

15. A device according to claims 1 and 2, characterised in that the spring (8), once pressed, releases the front lines (1) by sliding of two elements, which are normally kept fixed together when the spring (8) is not pressed.